

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>10027748</u>	Prepared by <u>TW</u>	Tracking Number <u>5884746</u>	
Examiner-GAU <u>Kin-2874</u>	Date <u>4-23-97</u>	Week Date <u>1-5-04</u>	
	No. of queries <u>1</u>		

JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	
b. Text Continuity	
c. Holes through Data	
<input checked="" type="checkbox"/> d. Other Missing Text	On Page 1 of the specification, lines 4-13 only show "pocket numbers". Please provide the SERIAL Numbers and dates.
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	
c. Duplicate Numbers	
d. Incorrect Numbering	
e. Index Disagrees	
f. Punctuation	
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
	Thank You initials TW
	RESPONSE
	Corrected.
	initials JBH

FIBER OPTIC ARRAY AND METHOD OF MAKING SAME

CROSS REFERENCE TO RELATED APPLICATIONS

The present application is related to U.S. Application Serial
Number (^{10/027994}~~Docket 83858~~), filed ^{Dec. 20, 2001} ~~-~~, by Border, et al., and entitled, "Method Of
6 Forming Fiducial Marks On A Micro-Sized Article;" U.S. Application Serial
Number (^{10/027834}~~Docket 83859~~), filed ^{Dec. 20, 2001} ~~-~~, by Border, et al., and entitled, "Microlens
Array;" U.S. Application Serial Number (^{10/027863}~~Docket 83861~~), filed ^{Dec. 20, 2001} ~~-~~, by Border, et
al., and entitled, "Double-Sided Microlens Array And Method Of Manufacturing
Same;" U.S. Application Serial Number (^{10/028035}~~Docket 83862~~), filed ^{Dec. 20, 2001} ~~-~~, by Border, et
al., and entitled, "Laser Array And Method Of Making Same;" and, U.S.
12 Application Serial Number (^{10/027698}~~Docket 82421~~), filed ^{Dec. 20, 2001} ~~-~~, by Border, et al., and
entitled, "Method Of Manufacturing A Precisely Aligned Microlens Array."

FIELD OF THE INVENTION

The invention relates generally to the field of microlens lens
arrays. More particularly, the invention concerns forming fiducial marks on
optical articles that require precise alignment in an optical system containing the
18 microlens array.

BACKGROUND OF THE INVENTION

Optical systems, such as imaging systems, telecommunications
devices, micro-optical systems, micro-mechanical systems, etc., are typically
constructed of several different lenses and optical articles to deliver the desired
optical performance. To avoid large overall losses in the optical system, the
24 alignment of each lens and optical article with subsequent lenses and optical
articles must be very precise. Fiducial marks are often created on the lenses and
optical articles outside the optical area to serve as a reference point during
alignment. Fiducial marks are particularly important in the case of aspheric lenses
and lens arrays where it is difficult to identify the center of the lens during
alignment activities. Fiducial marks are also very important for fiber optic arrays
30 and laser arrays where multiple features dictate the need for a shared alignment

JFH
4-29-04

10027994-10027834-10027863-10028035-10027698